



# TIMBER-FLEX FLOOR TILE ADHESIVE

Issue – TF/0202

**READY TO USE  
ADHESIVE & GROUT**

**HIGH FLEXURAL STRENGTH  
MOVEMENT TOLERANT**

**SUITABLE FOR TONGUE &  
GROOVE FLOORS**

## DESCRIPTION:

T.MSF - FFX is a pre-mixed, ready-to-use adhesive for use as a thin-bed cement adhesive and conforming to BS 98 Type C and AA (BS EN 12004 Type D) suitable for fixing a range of ceramic floor tiles, including mosaic, porcelain and vitreous enamel tiles to a variety of substrate surfaces. T.MSF - FFX is also suitable for applications on stone panels, plywood, composite boards, asbestos and fibreboard and for non-porous floor tiles. T.MSF - FFX is also suitable for use on a wide range of extra strength and decorative tiles and can also be applied to porous masonry surfaces such as old concrete and sand cement screeds. They can be used as a continuous adhesive for adorning cement based floor tiles, however consideration should be given to the dynamic properties of the product, as an adhesive and a joint, especially on impervious surfaces and at temperatures below 1 °C. T.MSF - FFX is not suitable for use in external applications, where the weather may be a factor in the completion of the installation.

## SURFACE PREPARATION:

All floor surfaces must be clean, firm and free of dust, dirt, oil, grease and loose surface contamination. Timber floors must be thoroughly sound and secured securely enough to support the weight of the applied adhesive. Surfaces of excessive deterioration, loose-laid surfaces, plywood, panel boards and on-site fibreboard should be dry, sealed on all exposed faces and edges, then T.MSF - FFX and then primed using T.MSF - FFX diluted to a ratio of 1:1. The boards should be proofed, 1 mm thick and secured fixed at 1 mm centres to provide a dimensionally stable sound as described in BS 8. All boards must be free from any voids, protrusions and be fixed in place to a minimum gap of 0.5 mm between the boards and around the perimeter. T.MSF - FFX should not be applied to damp or impervious surfaces or where the ambient temperature is persistently below 1 °C as these conditions will prolong the adhesive drying process by several days.

## APPLICATION METHOD:

To ensure T.MSF - FFX is easy to apply, the contents of the bucket should be thoroughly mixed to produce a consistent ready-to-use paste. Use a floor trowel to apply the adhesive to the substrate.

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## PRODUCT IDENTIFICATION:

### TIMBER-FLEX FLOOR TILE ADHESIVE

#### COMPOSITION:

A coarse, grey dispersion based paste composition at the end of calcium carbonate, calcium silicate, acrylic copolymer emulsion, in-can preservatives, polyacrylate coalescer and scuffing.

#### HAZARDS CLASSIFICATION:

NON-HAZARDOUS

#### FIRST AID MEASURES:

##### INHALATION:

Respiratory irritation may be prominent in a poorly ventilated, confined space. End effects are and if symptoms are not relieved, seek medical attention.

##### SKIN CONTACT:

Causes skin irritation. Remove contaminated clothing and wash immediately with plenty of water. If irritation persists, seek medical attention.

##### INGESTION:

Can irritate mouth and throat. Do not induce vomiting. Be aware of aspiration if vomiting occurs. Seek medical attention and do not drive a vehicle.

##### EYE CONTACT:

Causes eye irritation for 1 minute. Clean immediately with water. If irritation persists, seek medical attention. Do not use eye drops.

#### FIRE FIGHTING MEASURES:

##### NON FLAMMABLE

Recommended extinguishers: Dry powder; foam; CO<sub>2</sub> - (propylene) - (suppression) spread of fire. Hazardous decomposition products: none known. Specific procedures: NA

#### ACCIDENTAL RELEASE MEASURES:

Do not allow spillage onto skin and clothing. Remove contaminated clothing and retain for decontamination. Wash contaminated clothing before reuse. Local authorities should be notified for non-hazardous waste disposal. Consult product equipment section for advice on spillage.

#### HANDLING & STORAGE:

Use and storage should be adequate ventilation and avoid localised sources of heat or prolonged exposure to sunlight. Store in a cool, dry, well-ventilated area. Keep out of reach of children in a cool, well-ventilated environment and do not exceed 1 year use more than 4 months of calendar.

#### EXPOSURE CONTROL / PERSONAL PROTECTION:

No fly persons occupying property when product is used and advise necessary precautions.

##### Respiratory:

Wear a respirator if necessary when applying in a confined space.

##### Hand:

Wear gloves and safety boots when applying adhesive.

##### Eye:

Wear eye protection, avoid eye contact.

##### Skin:

Wear protective clothing and avoid skin contact with adhesive.

# SAFETY DATA SHEET No. 039 – issue date: 03-06-03

## PRODUCT: T.M.F. - T.F.X

#### PHYSICO-CHEMICAL PROPERTIES:

Appearance: Dark grey, semi-fine coarse paste.  
 Boiling point: none.  
 Solubility: Insoluble in water.  
 At room temperature: Stable.  
 Specific gravity: 1.7.  
 Melting point: none.  
 Flash point: none.

Odour: distinct acrylamide odour.  
 Vapour pressure: none.  
 Boiling point: none.  
 Exposure properties: NA.  
 Viscosity: 9,000 - 1,000 Mpa.s.  
 Density: 1.7.  
 Oxidation properties: NA.

#### STABILITY & REACTIVITY:

Conditions of stability: Stable at room temperature.  
 Material stability: Stable.  
 Hazardous decomposition products: NA.

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